

3 receiving copy controlled content;  
4 receiving a revocation list corresponding to a given range of host identifiers;  
5 verifying that an identifier of a host device associated with an access module is within the  
6 range of host identifiers;  
7 determining whether the host device associated with the access module is on the  
8 revocation list after the identifier of the host device is verified to be within the range of the host  
9 identifiers for the revocation list; and  
10 if the identification of the host device is on the revocation list, causing the associated  
11 access module to deny the copy controlled content to the host device.

1 2. (Amended) The method of claim 1, wherein the revocation list is received in  
2 band as part of a digital bitstream including the copy controlled content.

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Cont'd  
1 3. (Amended) A method comprising:  
2 receiving copy controlled content;  
3 receiving a revocation list corresponding to a given range of host identifiers,  
4 the revocation list is received out of band over a separate channel from a digital bitstream  
5 including the copy controlled content;  
6 determining whether a host device associated with an access module is on the revocation  
7 list; and  
8 if the host device is on the revocation list, causing the associated access module to deny  
9 the copy controlled content to the host device.

1 4. (Amended) The method of claim 3, wherein the revocation list is MPEG private  
2 syntax information data structure.

1 5. (Amended) The method of claim 1, wherein the receiving of the revocation list  
2 comprises receiving a plurality of revocation lists, where each list corresponds to a given range  
3 of host identifiers.

1 6. (Twice Amended) The method of claim 5, wherein verifying that the identifier of  
2 the host device associated with the access module is within the range of host identifiers  
3 comprises determining which revocation list of the plurality of revocation lists comprises a range  
4 of host identifiers within which the identifier of the host device is bounded.

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Cont'd  
1 7. (Amended) The method of claim 1 further comprising allowing access to the  
2 copy controlled content if the host device is not on the revocation list.

1 8. (Amended) The method of claim 1, wherein prior to verifying the method further  
2 comprises authenticating the revocation list as having a larger revocation list version number.

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1 9. The method of claim 1, wherein the copy controlled content is denied to the host  
2 device by not descrambling the copy controlled content.

1 10. The method of claim 1, wherein the host is selected from the group including of a  
2 set top box, television, video player, video recorder, hard disk player, hard disk recorder,  
3 personal computer, memory stick recorder, minidisk player, minidisk recorder, digital video disk  
4 (DVD) player, DVD Recorder, compact disk (CD) player and CD recorder.

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1 11. (Amended) The method of claim 1, wherein the revocation list is transmitted to  
2 devices coupled to a home network, the home network using a communication medium from one  
3 of the group: 1394, Universal Serial Bus, Blue Tooth, and Panel Link.

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1 12. The method of claim 1, wherein the access module performs conditional access  
2 by not descrambling the copy controlled content for the host device on the revocation list.

1 13. The method of claim 1, wherein the access module denies the copy controlled  
2 content by not outputting the copy controlled content to the host device on the revocation list.

1 14. The method of claim 12, wherein the access module is selected from the group  
2 consisting of an NRSS-A module, NRSS-B module, Point of Deployment (POD) module, and  
3 ISO7816 smart card.

1 15. (Amended) The method of claim 1, further comprising conditionally  
2 descrambling the copy controlled content by the access module if the identifier of the host device  
3 is not on the revocation list.

B3 1 16. (Twice Amended) An apparatus for controlling access to copy controlled content  
2 to a host device comprising:  
3 means for receiving copy controlled content;  
4 means for receiving a revocation list corresponding to a range of identifiers;  
5 means for determining whether a host device associated with an access module is on the  
6 revocation list after an identifier of the host device is determined to be within the range of  
7 identifiers associated with the revocation list;  
8 means for causing the access module to deny the copy controlled content to the host  
9 device if the identifier associated with the host device is on the revocation list.

1 17. The apparatus of claim 16, wherein the revocation list is received by the access  
2 unit in band along with the copy controlled content.

1 18. The apparatus of claim 16, wherein the revocation list is received by the access  
2 unit out of band of the copy controlled content.

1 19. The apparatus of claim 16 further comprising means for descrambling the copy  
2 controlled content if the host device is not on the revocation list.

1 20. The apparatus of claim 16, wherein the revocation list contains revocation  
2 information that is content specific.

1 21. (Cancelled) ✓

1 22. (Cancelled).

1 23. (Cancelled).

1 24. (Cancelled).

1 25. (Cancelled).

1 26. (Cancelled).

1 27. (Cancelled).

1 28. (Cancelled).

1 29. (Cancelled).

1 30. (Cancelled).

1 31. (Cancelled).

1 32. (Cancelled).

1 ~~21~~ 33. (Amended) A computer readable medium containing instructions, which when  
2 executed by a processing system, controls access to copy controlled content, the computer  
3 readable medium comprising:

4 means for receiving a revocation list;

B4 5 means for receiving a plurality of revocation lists each corresponding to a different range  
6 of host identifiers;

7 means for determining whether a host device associated with an access module is on the  
8 revocation list by initially verifying whether an identifier of the host device is within a range of  
9 host identifiers associated with one of the plurality of revocation lists, and if so, verifying

10 whether the identifier of the host device is contained in the one of the plurality of revocation  
11 lists;

12 means for causing the associated access module to deny the copy controlled content to  
13 the host device.

B4  
Cont'd  
1 27 ~~34.~~ The computer readable medium of claim 33, wherein the revocation list is  
2 received in band along with the copy controlled content.

1 27 ~~35.~~ The computer readable medium of claim 33, wherein the revocation list is  
2 received out of band of the copy controlled content.

1 24 ~~36.~~ (Amended) The computer readable medium of claim 33, wherein each of said  
2 means for receiving, copy controlled content and said means for receiving the plurality of  
3 revocation lists are executable instructions.

1 25 ~~37.~~ The computer readable medium of claim 33, wherein the copy controlled content  
2 is denied to the host device by not descrambling the copy controlled content.

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1 26 ~~38.~~ (Amended) The computer readable medium as set forth in claim <sup>24</sup>~~33~~, wherein said  
2 means for determining and said means for causing are executable instructions.

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1 27 ~~39.~~ (New) A device for controlling access to copy controlled content, comprising:  
2 a tuner to tune to a selected frequency for receipt of the copy controlled content;  
3 a demodulator unit coupled to the tuner, the demodulator unit to demodulate the copy  
4 controlled content and output the demodulated copy controlled content; and  
5 an access unit configured to receive the demodulated copy controlled content and a  
6 plurality of revocation lists each corresponding to a different range of host identifiers, the access  
7 unit to determine whether an identifier of the device is within a range of any of the plurality of  
8 revocation lists, and if so, to (i) determine whether the identifier of the device on one of the  
9 plurality of revocation lists and (ii) deny the copy controlled content to the device if the identifier  
10 is listed on one of the plurality of revocation lists.

1 <sup>28</sup>~~40~~ (New) The device of claim <sup>27</sup>~~39~~, wherein the plurality of revocation lists are  
2 received in band as part of the same digital bistream with the copy controlled content.

1 <sup>29</sup>~~41~~ (New) The device of claim <sup>27</sup>~~39~~, wherein the plurality of revocation lists are  
2 received out of band being transmitted through a separate medium than the copy controlled  
3 content.

1 <sup>30</sup>~~42~~ (New) The device of claim <sup>29</sup>~~41~~, wherein the plurality of revocation lists are  
2 received over a telephone line and the copy controlled content is received over either a cable or a  
3 wireless satellite transmission.

1 <sup>31</sup>~~43~~ (New) The device of claim <sup>27</sup>~~39~~, wherein each of plurality of revocation lists  
2 corresponds to a different group of devices.

1 <sup>32</sup>~~33~~ (New) The device of claim <sup>27</sup>~~39~~ further comprising a processor coupled to the  
2 access unit.

1 <sup>33</sup>~~45~~ (New) The device of claim <sup>30</sup>~~44~~, wherein the processor to receive an enhancement  
2 control message, the enhancement control message including a key to descramble the copy  
3 controlled content.

1 <sup>34</sup>~~46~~ (New) The device of claim <sup>32</sup>~~44~~, wherein the access unit receives the enhancement  
2 control message along with the copy controlled information and the processor transmits  
3 information to the access unit to enable the access unit to locate the enhancement control  
4 message.

1 <sup>35</sup>~~47~~ (New) The device of claim <sup>34</sup>~~46~~, wherein the enhancement control message  
2 received by the access unit further includes a version number associated with the plurality of  
3 revocation lists.